

MMP28 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13734c**Specification**

MMP28 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q9H239](#)**MMP28 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 79148**Other Names**

Matrix metalloproteinase-28, MMP-28, 3424-, Epilysin, MMP28, MMP25

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13734c was selected from the Center region of MMP28. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MMP28 Antibody (Center) Blocking peptide - Protein Information**Name** MMP28**Synonyms** MMP25**Function**

Can degrade casein. Could play a role in tissues homeostasis and repair.

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

Expressed at high levels in testes and lung. Low levels are detected in kidney, pancreas and skin. Also expressed in fetal lung, brain, skeletal muscle and kidney. Expressed selectively in keratinocytes. Widely expressed in several carcinomas as well. Is up-regulated in response to injury in the skin

MMP28 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

MMP28 Antibody (Center) Blocking peptide - Images

MMP28 Antibody (Center) Blocking peptide - Background

Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix for both normal physiological processes, such as embryonic development, reproduction and tissue remodeling, and disease processes, such as asthma and metastasis. This gene encodes a secreted enzyme that degrades casein. Its expression pattern suggests that it plays a role in tissue homeostasis and in wound repair. Transcript variants encoding different isoforms have been described. [provided by RefSeq].

MMP28 Antibody (Center) Blocking peptide - References

Swingler, T.E., et al. Biochem. J. 427(3):391-400(2010) Suomela, S., et al. Virchows Arch. 455(6):495-503(2009) Rodgers, U.R., et al. Matrix Biol. 28(5):263-272(2009) Heiskanen, T.J., et al. Matrix Biol. 28(2):74-83(2009) Gruber, H.E., et al. Arthritis Res. Ther. 11 (6), R184 (2009) :